



(PENA.029PA)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marshall et al. Examiner: Artman, T.
Serial No.: 09/876,661 Group Art Unit: 2882
Filed: June 7, 2001 Docket No.: US 010287
Title: LED LUMINAIRE WITH LIGHT SENSOR CONFIGURATIONS FOR
OPTICAL FEEDBACK

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence and the papers, as described hereinabove, are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on November 22, 2002.

By:

Kelly Wallygney

OFFICE ACTION RESPONSE

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated August 23, 2002, please consider the following remarks.

The Pending Claims

Below please find a comprehensive list of the pending claims.

1. An LED luminaire comprising;
an array of LEDs comprising at least one LED in each of a plurality of colors,
a condenser lens positioned to direct the combined light output of the array of LEDs to a target light guide,
a partially reflecting element positioned to reflect a portion of the light output from the condenser lens back toward the LED array, and
a light sensor positioned to intercept and measure at least a portion of the reflected light.

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